

FIG. 1A

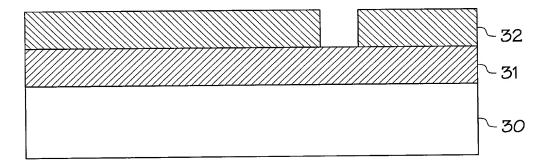


FIG. 1B

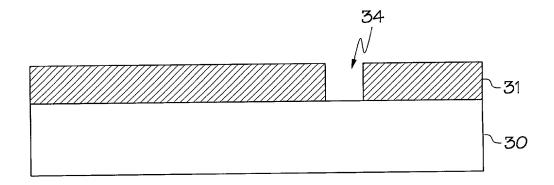


FIG. 1C

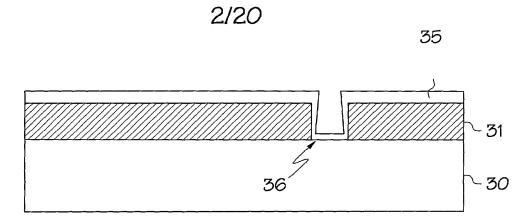


FIG. 1D

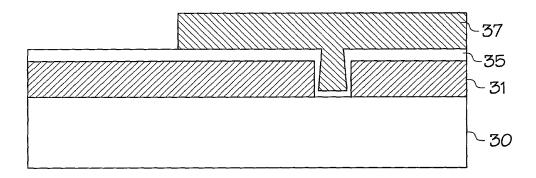


FIG. 1E

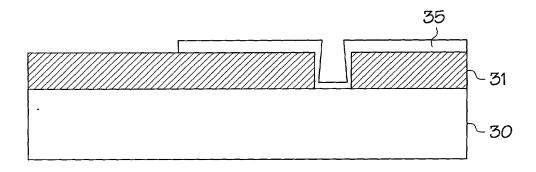


FIG. 1F

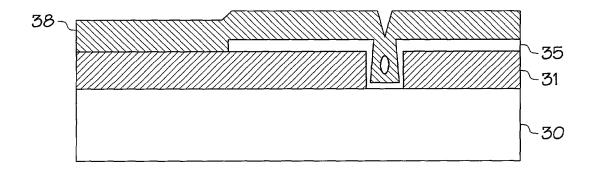


FIG. 1G

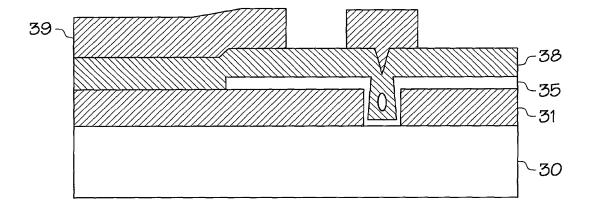


FIG. 1H

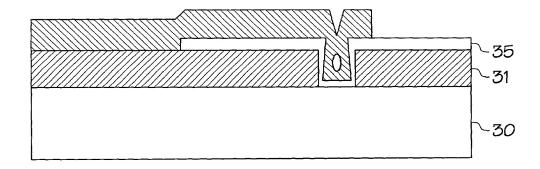


FIG. 11

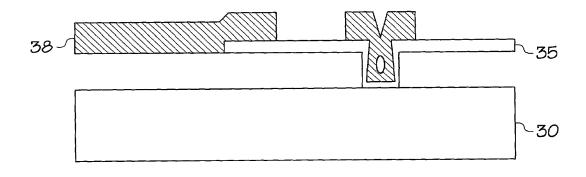


FIG. 1J

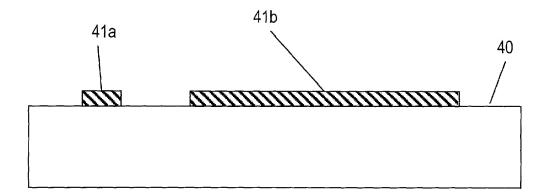


FIG. 2A

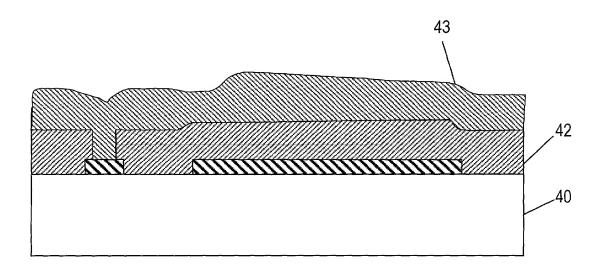


FIG. 2B

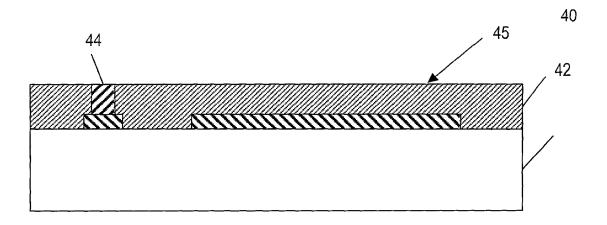
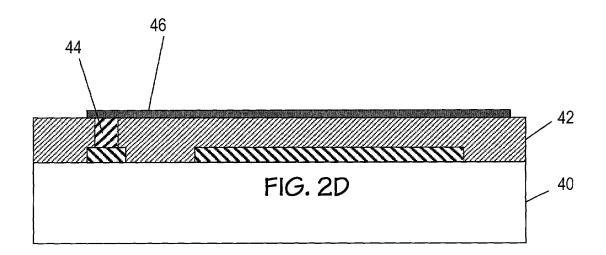


FIG. 2C



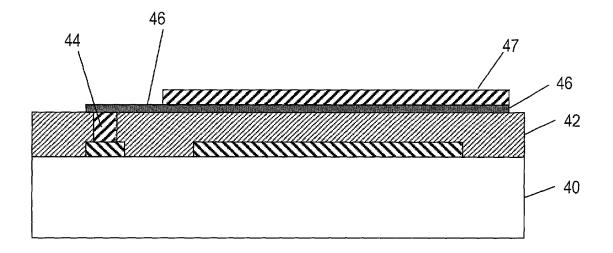
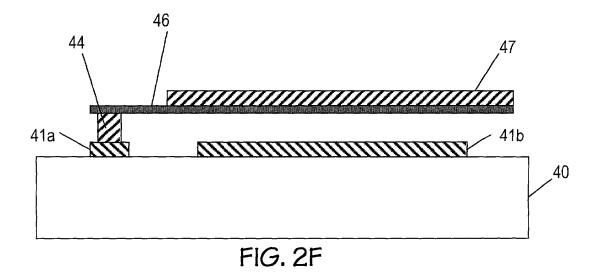


FIG. 2E



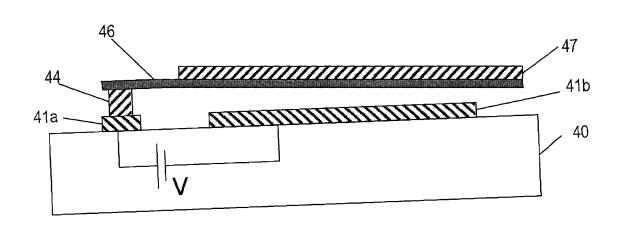
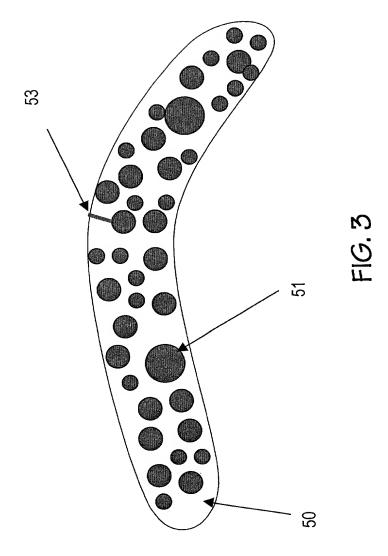
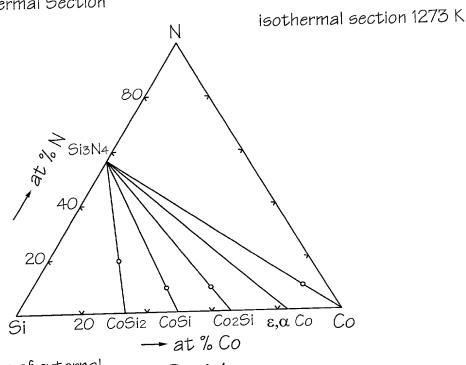


FIG. 2G



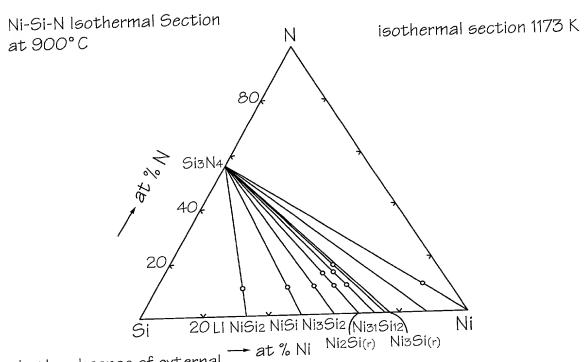


Co-Si-N Isothermal Section at 1000°C



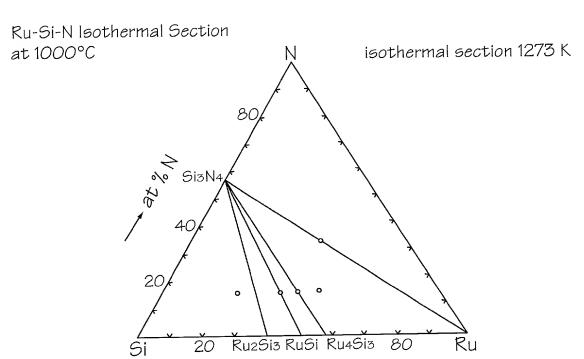
In the absence of external nitrogen pressure.

FIG. 4A



In the absence of external nitrogen pressure.

FIG. 4B



In the absence of external nitrogen pressure.

→ at % Ru FIG. 4C

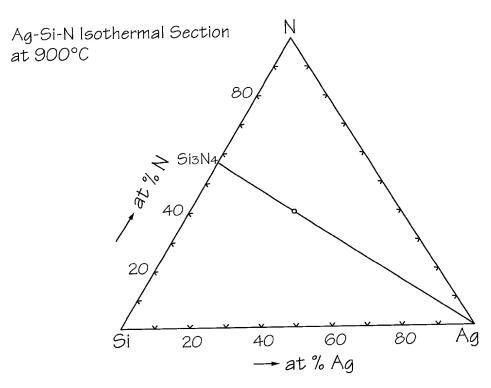
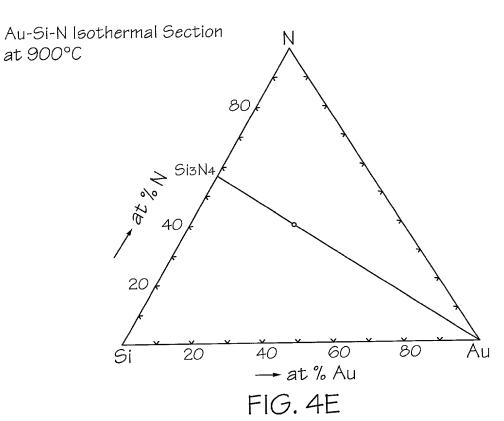
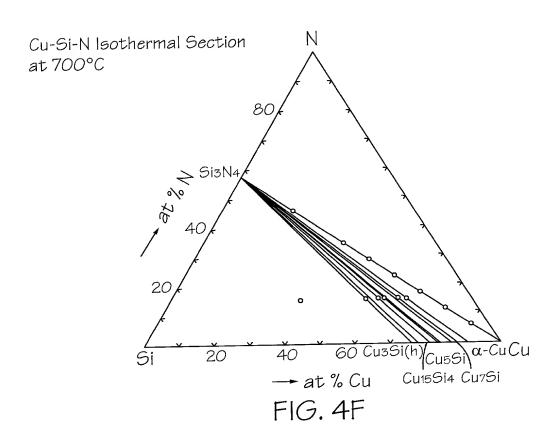


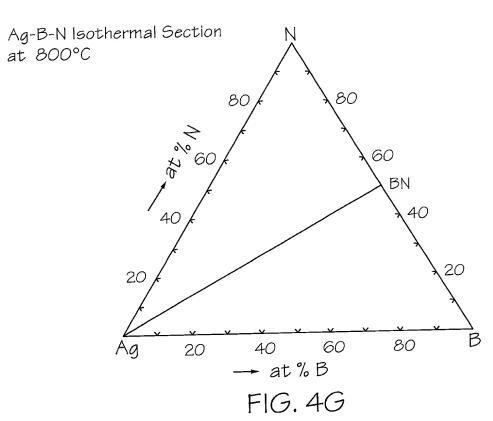
FIG. 4D

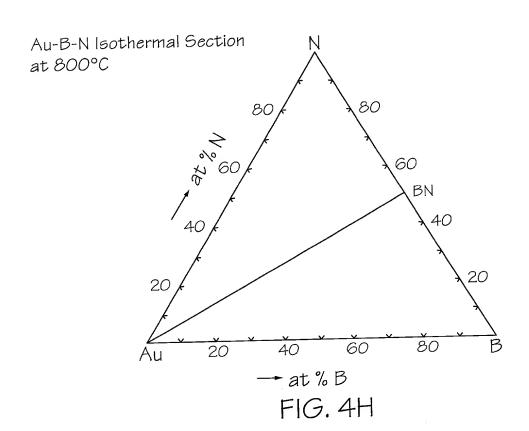


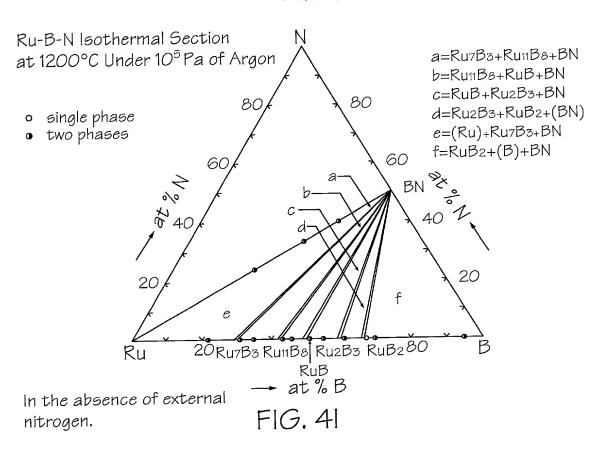


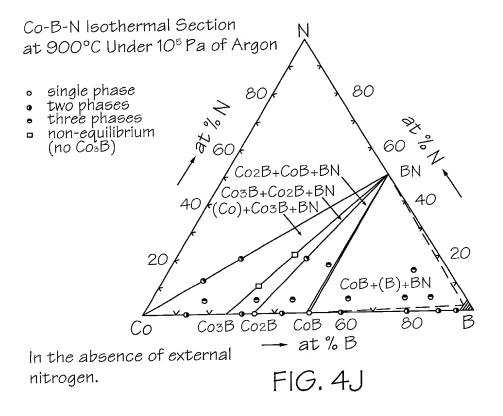




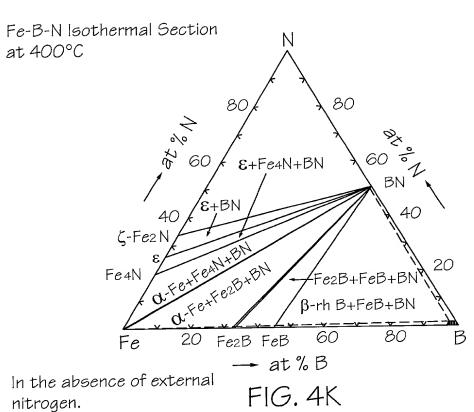


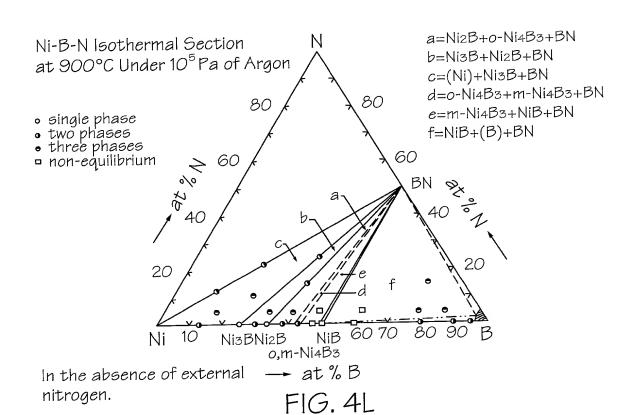












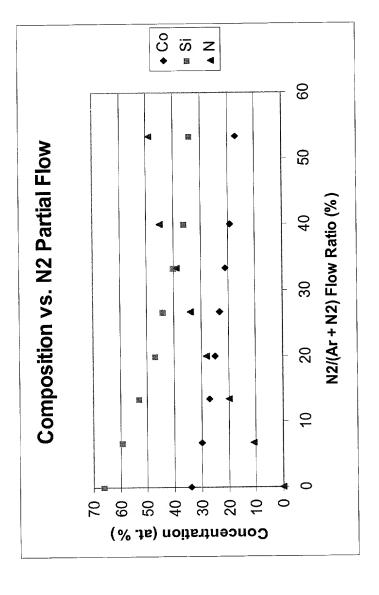
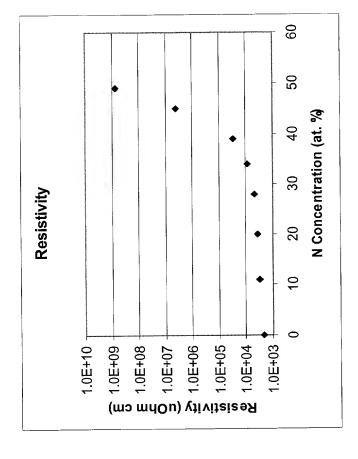
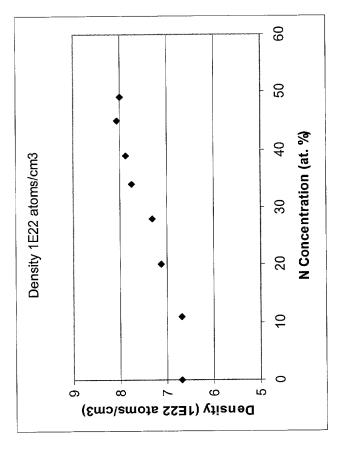


FIG. 5



F1G. 6



F1G. 7

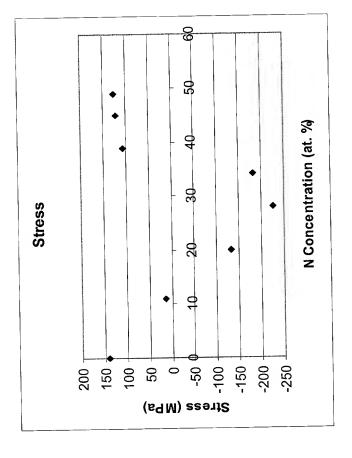
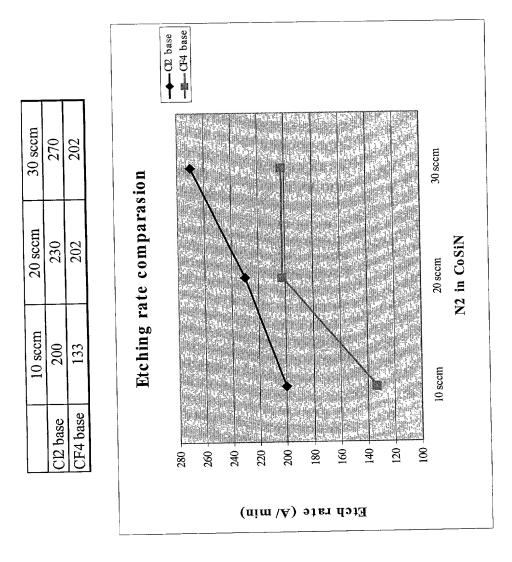


FIG. 8



F16.9